PATENT COOPERATION TREATY

From the EVTERNATIONAL SEARCHING AUTRORITY	said and leading
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22/F, Great Eagle Centre , 23 Harbour	NOTIFICATION OF TRANSMITTAL OF
	THE INTERNATIONAL SEARCH REPORT AND
Road, Wanchai, HONG KONG PR. China	THE WRITTEN OPINION OF THE INTERNATIONAL
CHINA PATENT AGENT(H.K.) LTD	SEARCHING AUTHORITY, OR THE DECLARATION
	(PCT Rule 44.1)
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	Date of mailing
	(infinguissiffE 2007 (0 8 * 0 2 * 2007)
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Applicatin's or agent's file retirence	FOR FURTHER ACTION See paragraphs 1 and 4 below
FPEL06150025	
International application No.	International filing date
PCT/CN2006/000829	(day/month/year) 27 April 2006 (27.84.2006)
Applicant	
INTEL CORPORATION at al	
 The applicant is hereby notified that the international sea 	uch report and the written opinion of the International Searching
Authority have been established and are transmitted have Filling of amendments and statement under Article 19:	sa di kacamatan da k
In and function at recipion to add it begins in executions at the fi	sime of the international application (the Kille 40):
When? The time limit for bling such anendrien international search report.	rts is nountally two months from the date of transmittal of the
Where? Directly to the International Bursau of W	/IPO, 34 chemin des Colombenes
1211 Geneva 20 Switzerland, Facultule 1	No.1441 22 740 14 35
For more detailed instructions, see the notes on th	
The applicant is hereby notified that no international sea [7(2)(a) to that effect and the written opinion of the late.	oth report will be established and this the declaration under Article murional Searching Authority are transmitted herowith.
3. [] With regard to the protest against payment of (m) add	inoud fee(s) under Rule 40.2, the applicant is notified that
the contest together with the decision thateon has	heen transmitted to the International Bureau together with the protest and the decision thereon to the designated Offices.
po denision has been made yet on the protest, the s	applicant will be notified as soon as a decision is made.
4. Reminders	
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prescribed acts for entry into the national phase before those	
months.	souths (or later) will apply even if no demand is filed within 19
See the Annex to Form PCT/IB/301 and, for details about the	e applicable time limits, Office by Office, see fix FCT Applicant's
Quide, Volume II, National Chapters and the WIPO internet	Sire
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Name and mailing sidness of the ISA/CN	Authorized officer
The State Intellectual Property Office, the P.R. China 6 Xitucheng Rd., Fenen Bridge, Haldian District, Beijing, Chir	craning
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NOTES TO FORM PCT/ISA/228

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Muses and these requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

instructions concerning amendments under article 19

The applicant has, after having received the international search report and the written opinion of tits International Searching Authority, one opportunity to amond the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publications. Furthermore, it should be emphasized that provisional protection is available in some States only (see PCT Applicant's Guide, Vojume I/A, Annexes B1 and 82).

The attention of the applicant is drawn to the faci that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see FCT Applicant's Guide, Volume UA, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmitted of the intermetional search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the annualments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the international Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filled, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as illed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the cisims appearing on a replacement sheet must be numbered in Ambic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases when claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amoudments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the interestional application is English, the letter must be in English; if the language of the interestional application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/228 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the slaim is caucelled;
- (iii) the ciaim is now;
- ((v) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following example: illustrate the manner is which amendments must be explained in the accompanying letter:

- (Where originally there were 48 claims and after amendment of some claims there are 51): "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers: claims 30, 33 and 36 unchanged; now claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11];
- "Claims 1 to 15 replaced by smended claims 1 to 11."

 (Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new
- "Claims 1 to 6 and 14 michanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claims 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Kulc 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

R must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

it should not be confused with and does not replace the letter indicating the differences between the claims as filled and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments us the international search report or the relevance of situtions contained in that report. Reference to climions, relevant to a given claim, contained in the international search report may be used only in connection with an amendment of that claim.

Consequence if a demand for inturnational preliminary examination has already been filed

If, at the time of filling any amendments and any accompanying statement, under Article 19, a demand for international proliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the international Bursau, also file with the international Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Searching Authority and where it has notified the International Searching Authority if a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of FormFCT/ISA/IZU or before the expiration of IZ months from the priority date, whichever expires later (Rule 43bis.1(c)).

Consequence with regard to translation of the interactional application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elegand Office, see the PCT Applicant's Guide, Volume II.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

international application No. PCTICN.2006/090829 Application PCTICN.2006/090829 PCTICN.2006/090829 PCTICN.2006/090829 Application PCTICN.2006/090829 PCTICN.2006		Applicant's or agent's file reference	FOR FURTHER	see Form PCT/I	
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INTERNATIONAL SEARCH REPORT

International application No. PCT/CN2006/000829

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	US 6669669 B2 (DB MINER TECHNOLOGY INC) 16 December 2003 (16.12.2003)	1920	
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INTERNATIONAL SEARCH REPORT Information on patent family members

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	on function united income		CTACN2008/000839		
Patent Documents selected in the Report	Publication Data	Patent Pamily	Publication Date		
US 6665669 BZ	16.12.2003	US200302\$331 A.I	06, 02,2003		
US 6816267 B2	69.11.2004	£1230021129008 A.[12. 09.2002		
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Haldian District, Beijing, China 100088 Facsimile No. 86-10-62019451

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2. Citations and explanations

(1) Reference is made to the following documents:

DI: US 6665669 B2

D2: US 6816867 B2

(2) The present invention discloses a system based method for content based-partitioning and mining-

(3) D1 discloses the methods and apparatus and data structures useful for mining databases for frequent tiems. The invention uses a frequent pattern tree to represent the contents of a database in a margier which is conducive to data mining. The frequent pattern tree tends to be smaller than the original database. A frequent pattern tree can be mined recursively. The frequent pattern tree and associated methods and apparatus of this invention is relatively fast, efficient and scalable and can be used to mine both long and short frequent patterns.

D2 discloses a data mining tool, the data mining tool is described that includes a data sinucture populator that stores one or more first sets of data selected for querying into a first data structure. The tool also has a query builder that builds at least a first query based, at least in part, on one or more query parameters. Also included in the tool is a query manager that interrogates the first data structure with the first query. The one or more first sets of data are based, at least in part, on experiments using both synthesized probe arrays and spotted probe arrays.

(4) It is obvious that the technical features related to "probe structure" and/or "content-based partitioning logic" in claims 1,10 and 15 aren't disclosed by D1 or D2, and further the technical solutions claimed are not obvious to a person skilled in the art on the basis of D1,D2 or their combination. Thus, claims 1,10 and 15 have novelty under PCT Article 33(2), and have inventive step under PCT Article 33(3).

Claims 2-9 are dependent on claim 1, claims 11-14 are dependent on claim 10 and claims 16-20 are dependent on claim 15, therefore, claims 2-9,11-14,16-20 also meet the requirements of the PCT with respect to novelty and inventive step.

Claims 1-20 have industrial applicability under PCT Article 33(4), because the technical solutions claimed can be made or used in the industry.